Joey Caruana

Front End and Mobile Developer

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Summary

Software Engineer with 4+ years of experience building production-ready apps across web and mobile platforms. I care about writing maintainable code, collaborating closely with design and backend teams, and delivering features that make sense for users.

Tech Stack: React, React Native, TypeScript, Redux (Thunk/Saga), Next.js, JavaScript, React Hooks, REST APIs, CSS, Tailwind CSS, Jest
Familiar with: Node.js, Express, Firebase, SQL, NoSQL, GraphQL, Accessibility (a11y), Analytics
Tools & Methodologies: Git, GitHub, Jira, Figma, Storybook, React Testing Library, CI/CD, Agile/Scrum

Professional Experience

Mobile Developer   *02/2022 – 09/2024*
General Motors, Remote
- Developed GM's mobile apps with 9M+ paid users with React Native, TypeScript, Redux (Thunk/Saga).
- Developed the Digital Key experience to unlock, start, and manage vehicles from mobile without a physical key.
- Rebuilt navigation experience with modular screens, reducing logic duplication and improving maintainability.
- Collaborated on the Connected Camera feature for streaming crash and theft video recording.
- Migrated features to a fresh mobile app with a scalable and maintainable architecture, improving load times.
- Integrated APIs for Digital Key onboarding and in-vehicle video streaming and recordings to the mobile app.
- Collaborated closely with UX designers and backend teams to launch features on the app.

Front End Developer   *03/2021 – 02/2022*
Capco, Remote
- Modernized Oncor's legacy portal into an SPA using React, Redux, TypeScript, GraphQL, and Material UI
- Built dashboards, advanced search, bookmarking, and charts to improve user engagement and functionality.
- Built a reusable Storybook component library, improving efficiency and reducing redundancy across the app.
- Helped architect scalable and responsive front-end structure to support long-term feature growth.
- Wrote unit and integration tests with Jest and React Testing Library to maintain high code quality.

Front End | Mobile Developer   *07/2020 – 03/2021*
Infosys Limited, Remote
- Built responsive web dashboards and cross-platform apps using React, React Native, Redux and Typescript
- Implemented visualization dashboards and interactive charts for Walmart to improve operational efficiency.
- Bridged communication between UX and backend teams to align requirements and streamline development.
- Created a mobile shopping app for Tractor Supply Co., improving UX and driving retention.
- Resolved complex pre-release bugs to ensure timely launch of the Tractor Supply Co. app.

Education

San Jose State University   *08/2016 – 05/2018*
Bachelor of Science in Business Administration, Marketing